

LUMISCOPE

Blood Pressure Monitor

Instruction Manual

Model Number 1094

ID #06/00

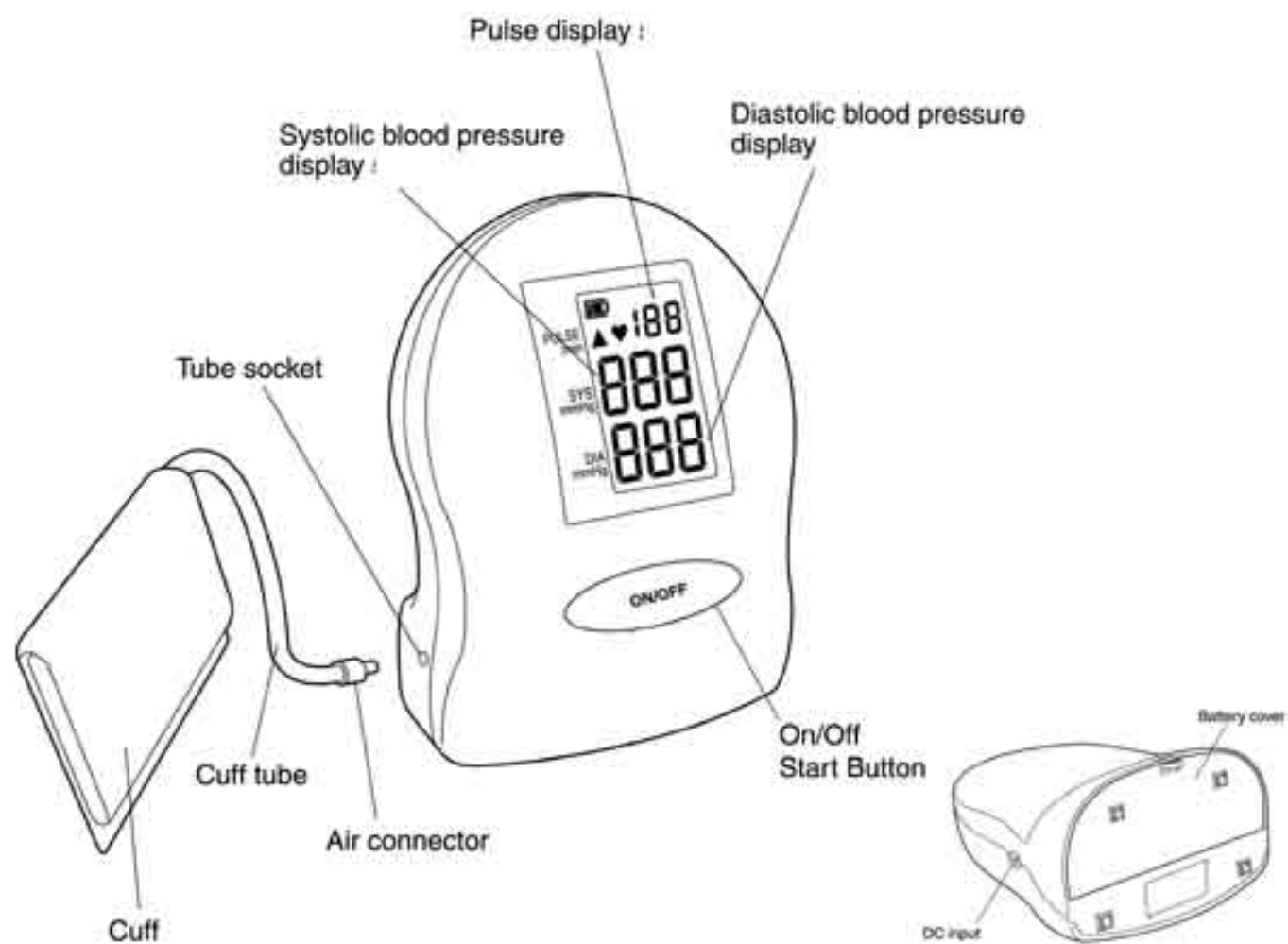
Requires 4 "AA" Alkaline Batteries

2
YEAR LIMITED WARRANTY

TABLE OF CONTENTS

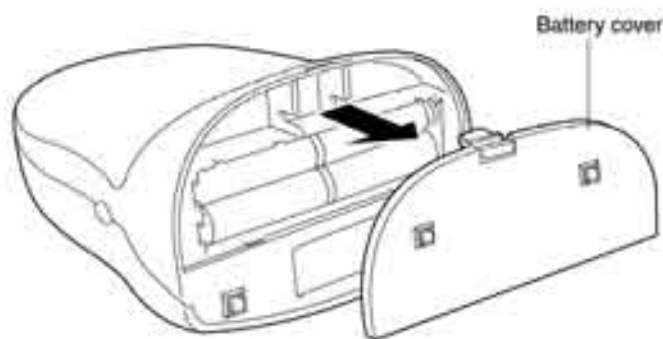
Identification of Parts	3
AC/DC Converter	3
Battery Installation/Replacement	4
Attaching the Arm Cuff and Posture During Measurement	4
Measurements	5
Subsequent Measurement	6
Automatic Power OFF Function	6
Description of Display Marks	7
Specifications	8
Warranty	9

Identification of Parts



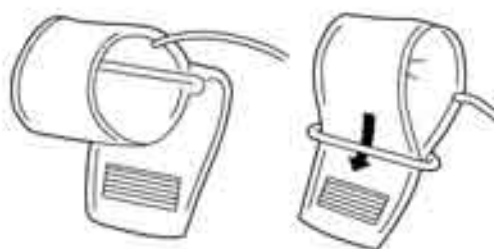
Battery Installation/Replacement

- To use the unit, you must install batteries.
- Open battery cover as illustrated.
Install or replace four new batteries, making sure the polarities (+ and -) on the battery match the polarities on the case.
- Replace battery cover.
- If the Low Battery indicator "BT" appears on the display, all batteries must be replaced.
- "AA" alkaline batteries or equivalent are suitable for this blood pressure meter.

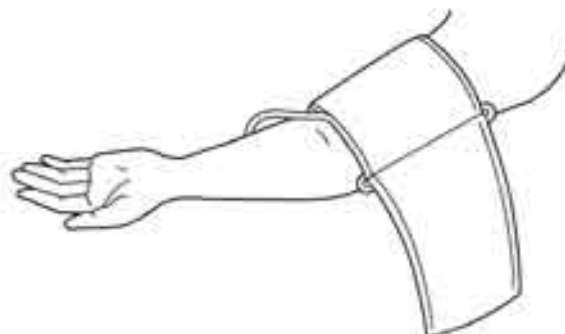


Attaching of Arm Cuff and Posture During Measurement

Unfasten and open the cuff as shown in the figure.



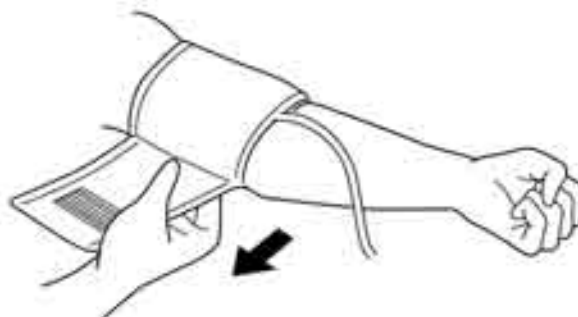
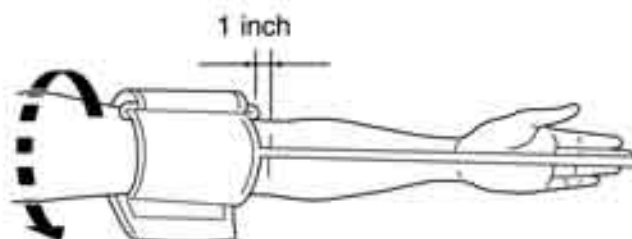
Wrap the arm cuff around the upper left arm tightly so that bottom edge of the cuff is positioned about one inch above the elbow joint.



- Wrap the cuff as close to the skin as possible.

(Do NOT roll shirts or jackets up over the arm when taking a measurement. This will constrict the upper arm and prevent accurate measurement.)

- Cuff tube should be placed on the inside of your arm as shown in figure.
- Make sure that the cuff is fastened tightly. Note that wrapping the cuff unevenly will prevent proper measurement.
- Insert air connector in tube socket.



Rest left elbow on a table so that the cuff is at heart level. Relax the lower arm across the table and remain still.

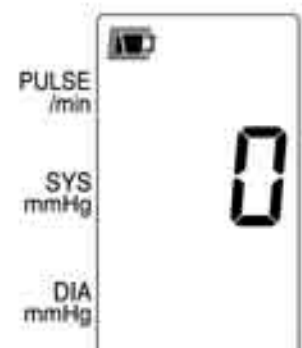
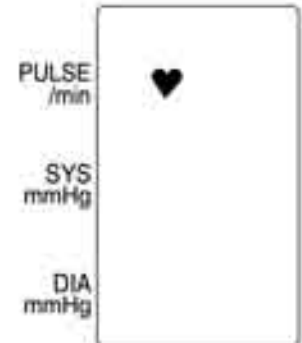
Perform measurements in either a seated or reclining posture with the left palm turned upward.

Arm Circumference: 8.66 to 12.6 inches

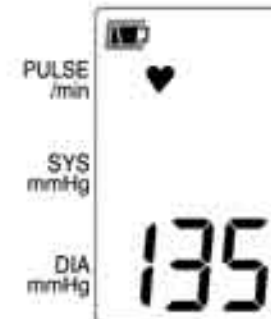


Measurement

- Press the "ON/OFF" switch.
- When the "ON/OFF" switch is pressed, the "♥" mark appears and the buzzer will beep for 1 second.
- After the buzzer beeps, the last-measured systolic blood pressure, diastolic blood pressure and pulse are displayed for about 2 seconds.
- After the buzzer beeps 3 times, the unit takes the measurement automatically.



- The arm cuff pressurizes.
- The pressure is automatically raised to the level for measurement of the blood pressure.
- After pressurization stops, the pressure lowers by 15mmHg and the "♥" mark appears.
- If a pulse is recognized, the pressure is shifted to the diastolic blood pressure indicating section and changed over, synchronized with the pulse.
- The buzzer beeps for 2 seconds, then the systolic blood pressure, diastolic blood pressure and pulse are displayed and the air is discharged. The measured data is automatically registered.
- To Turn Power Off
Press the "ON/OFF" switch to turn off.

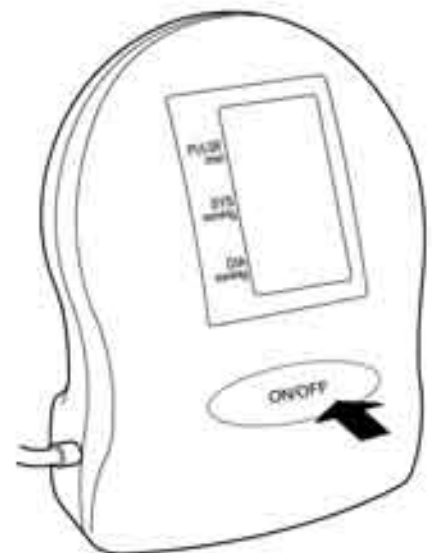


Subsequent Measurement

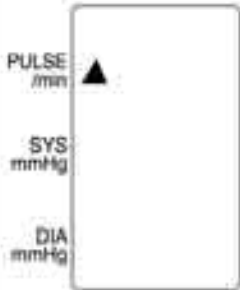
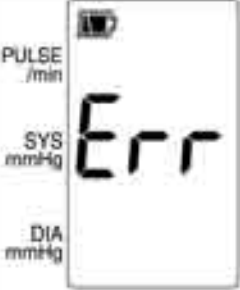

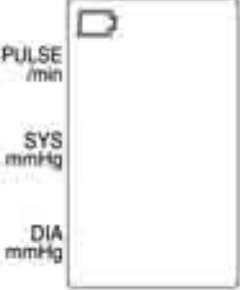
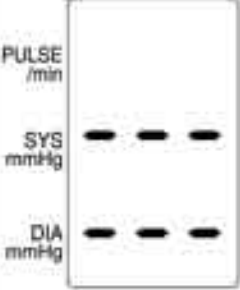
When a measurement needs to be made again, the time between 2 measurements must be at least 10 minutes.

Automatic Power OFF Function

If unit is left on after measurement, an "Automatic Power-OFF Function" turns the power off after approximately 3 minutes. To continue with another measurement press the "ON/OFF" switch to turn the unit on.



Description of Display Marks

DISPLAY MARK	CONDITION/CAUSE	CORRECTIVE ACTION
	Measurement began but the pressure was insufficient.	Repeat measurement again.
	Blood pressure could not be measured accurately.	Exhaust air from the cuff and reapply the cuff properly. Repeat measurement again.
	Pulse could not be measured accurately.	
	Displays when the batteries become weak.	Replace the batteries, or check the AC-DC converter.
	There is a problem with the unit.	Return to Lumiscope Service Department.

Specifications

Model No.		1094	
Measuring Principle		Oscillometric Method	
Measurement Localization		Left Upper Arm	
Cuff		Soft Cuff	
Arm Circumference Range		8.66 to 12.6in (22 to 32 cm)	
Measurement Range	Pressure	0 to 280 mmHg	
	Pulse	40 to 180 Pulses/min.	
Accuracy	Pressure	±3 mmHg	
	Pulse	±5% of reading	
LCD Indication	Pressure	Systolic blood pressure:	3 digits
	Pulse Rate	Diastolic blood pressure:	3 digits
		Pulse rate:	3 digits
		Alternatively	
	Marks	Measuring	♥
		Re-measure	▲
		Battery	BT
LCD	View Size	2.5(H) x 1.44(W)in	(62.5(H) x 36(W)mm)
	Digit Size	.72(H) x .36(W)in	(18(H) x 9(W)mm)
Switch		"POWER" and "START" switch	
Inflation		Automatic Inflation by Internal Pump	
Exhaust		Electromagnetic Valve	
Power Source		4 "AA" Size Batteries (Alkaline)	
Power Consumption		3W	
Battery Life		Approx. 700 times	(170mmHg, 1time/day)
Automatic Power-Off		Approx. 3 min.	
Memory Function		1 Memory Function	
Dimension		5(W) x 3.56(D) x 6.6(H)in	(125(W) x 89(D) x 165(H)mm)
Weight		Approx. 18.7oz. (530g)	
Operating Environment	Temperature	50 to 104°F	(10 to 40°C)
	Humidity	30 to 85%RH	
Storage Environment	Temperature	-4 to 140°F	(-20 to 60°C)
	Humidity	10 to 95%RH	

CAUTION:

1. Measurement of blood pressure may not be possible for someone with a weak pulse or cardiac arrhythmia.
2. This product is not intended to be used in the diagnosis or treatment of disease.
3. If you have high blood pressure and/or other cardiovascular conditions or diseases, this device should be used in consultation with your doctor.
4. Consult your doctor if you have questions about your blood pressure or pulse.
5. Specifications are subject to change without notice due to improvements in performance.

Two Year Limited Warranty

The Lumiscope Company, Inc., guarantees this product free from defects in material and workmanship for a period of two years from the date of purchase, except as noted below:

This Lumiscope product warranty does not cover damage caused by misuse or abuse; the attachment of any unauthorized accessory; alteration to the product; or any other conditions whatsoever that are beyond the control of the Lumiscope Company, Inc. Lumiscope shall not be responsible for any type of incidental, consequential, or special damage. All implied warranties, including, but not limited to those implied warranties of fitness and merchantability, are limited in the total duration of two years from the original date of purchase.

To obtain warranty service on your Lumiscope Blood Pressure Meter either hand deliver or mail the entire unit and your dated sales receipt (as proof of purchase), postpaid, along with a certified check or money order in the amount of \$15.00 payable to The Lumiscope Company, Inc., to cover handling.

Upon receipt Lumiscope will repair or replace, as appropriate, Blood Pressure Meter, and return to you. Warranty is solely through Lumiscope Repair Department. Service of this product by anyone other than Lumiscope Repair Department voids warranty.

In the event that Lumiscope does not abide the terms of this warranty the consumer may seek breach of contract remedies in the New York State Federal courts of law. This warranty gives you specific legal rights and you may also have other rights, which vary from state to state.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

2

YEAR LIMITED WARRANTY

The Lumiscope Company, Inc. Service Dept.
122 Tices Lane
East Brunswick, N.J. 08816
TEL. 732-254-3800
www.lumiscope.net